

FORM PTO-1390
REV. 2-2005)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
11582-006-999

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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37CFR 1.5)
60/413,840

10/529278

INTERNATIONAL APPLICATION NO.
PCT/EP2003/010666

INTERNATIONAL FILING DATE
September 25, 2003

PRIORITY DATE CLAIMED
September 27, 2002

TITLE OF INVENTION
REGULATION OF HUMAN P2Y15 G PROTEIN-COUPLED RECEPTOR

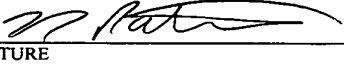
APPLICANT(S) FOR DO/EO/US
Hisayo Inbe and Jeffrey Encinas

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment. Please enter preliminary amendment prior to calculation of claim fees.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

| | | | | | |
|--|--------------|--|------------|---|------------|
| US APPLICATION NO. (If known, see 37 CFR 1.53) 60/413,840 10/529278 | | INTERNATIONAL APPLICATION NO. PCT/EP2003/010666 | | ATTORNEY'S DOCKET NUMBER 11582-006-999 | |
| 21. The following fees are submitted: BASIC NATIONAL FEE: | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee | | | | \$300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee | | | | | |
| Was the International Preliminary Examination Report prepared by the USPTO and do all filed claims in this U.S. application satisfy provisions of PCT Article 33(1)-(4) (i.e., novelty, inventive step and industrial capability)? | | | | | |
| <input type="checkbox"/> i) Yes (\$100.00) | | | | | |
| <input checked="" type="checkbox"/> ii) No (\$200.00) | | | | \$200.00 | |
| <input checked="" type="checkbox"/> c) Search fee | | | | | |
| Was the USPTO the International Searching Authority? | | | | | |
| <input type="checkbox"/> i) Yes (\$100.00) | | | | | |
| ii) If no: | | | | | |
| <input type="checkbox"/> (a) An International Search Report will be provided to the USPTO on or before payment of the search fee. (\$400.00) | | | | | |
| <input checked="" type="checkbox"/> (b) No International Search Report will be provided to the USPTO. (\$500.00) | | | | \$500.00 | |
| TOTAL OF CALCULATIONS = | | | | \$ | \$1000.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing of computer programs listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number). | RATE | | |
| 0 -100 | 0 /50 | | x 250.00 | | \$0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | \$ | \$130.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE X | | |
| Total Claims | 13 - 20 | 0 | x \$50.00 | | \$0.00 |
| Independent Claims | 3 - 3 | 0 | x \$200.00 | = | \$0.00 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + 360.00 | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS= | | | | = \$ | \$1,130.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 50% | | | | - \$ | \$565.00 |
| SUBTOTAL = | | | | \$ | \$565.00 |
| Surcharge of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | \$0.00 |
| TOTAL NATIONAL FEE | | | | = \$ | \$565.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 1 x \$40.00 per property | | | | \$ | \$0.00 |
| TOTAL FEES ENCLOSED | | | | = \$ | \$565.00 |
| | | | | Amount to be refunded: | |
| | | | | charged: | |
| a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed. | | | | | |
| b. <input checked="" type="checkbox"/> This is an estimate of the fees due. Please charge Deposit Account No. 50-3013 to cover the required fees. A copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3013. A copy of this sheet is enclosed. | | | | | |
| Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| 22. <input type="checkbox"/> Other instructions | | | | | |
| 23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to JONES DAY 20583 | | | | | |
| 24. <input type="checkbox"/> All telephone inquiries should be made to | | | | | |
| Rahul Pathak NAME | |  SIGNATURE | | 42,983 REG. NO. | |
| For: Anthony M. Insogna (Reg. No. 35,203) | | | | March 25, 2005 DATE | |

Our Reference: RCK 37-WO

10/529278
JC17 Rec'd PCT/PTO 25 MAR 2005

Please address your correspondence and invoices to

Bayer HealthCare AG

Law and Patents

Patents and Licensing

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